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1651

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PTO/SB/21 (08-00)

Approved for use through 10/31/02. OMB 0651-0031

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number Of Pages In This Submission

10 + 59
references

Application Number

09/844,187

Filing Date

April 26, 2001

First Named Inventor

Thomas M. BAER

Group Art Unit

1651

Examiner Name

To Be Assigned

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ENCLOSURES (check all that apply)

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<input type="checkbox"/> Affidavits/declarations	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
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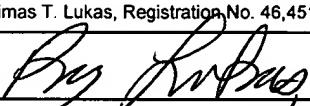
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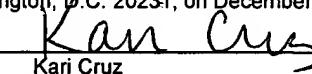
TC 1700

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual Name	Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, California, 94304-1018 Rimas T. Lukas, Registration No. 46,451
Signature	
Date	12/11/01

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Kari Cruz

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PATENT
Docket No. 485772001800

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Kari Cruz

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Thomas M. BAER et al.

Serial No.: 09/844,187

Filing Date: April 26, 2001

For: LASER CAPTURE
MICRODISSECTION (LCM)
EXTRACTION DEVICE AND DEVICE
CARRIER, AND METHOD FOR POST-
LCM FLUID PROCESSING

Examiner: To Be Assigned

Group Art Unit: 1651

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INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97

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Assistant Commissioner for Patents
Washington, D.C. 20231

TC 1700

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- With the application; accordingly, no fee or separate requirements are required.
- Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - A fee is required. A check in the amount of * is enclosed.
 - A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee is believed to be due.
- After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee. Accordingly, an authorization to charge our deposit account, and a Certification under 37 C.F.R. § 1.97(e) are provided herein.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is to the best of my knowledge and is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Assistant Commissioner to

charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 485772001800. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: December 11, 2001

Respectfully submitted,

By:



Rimas T. Lukas
Registration No. 46,451

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Form PTO-1449

INFORMATION DISCLOSED OR CITED AS A CITATION
IN AN APPLICATION

(Use several sheets if necessary)

O I P E
S C 128
DEC 26 2001
P A T E N T & T R A D E M A R K O F F I C E

Docket Number 485772001800	Application Number 09/844,187
Applicant	Thomas M. BAER et al.
Filing Date April 26, 2001	Group Art Unit 1651
Mailing Date December 11, 2001	

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	04/24/1990	4,920,053	Inoue et al.			DEC 27 2001
	2.	04/07/1992	5,103,338	Crowley et al.			2000
	3.	03/09/1993	5,192,503	McGrath et al.			
	4.	09/21/1993	5,246,866	Nasu et al.			
	5.	01/18/1994	5,280,384	Shibasaki			
	6.	02/27/1996	5,494,646	Seymour			
	7.	04/02/1996	5,504,366	Weiss et al.			
	11.	05/07/1996	5,513,768	Smith			
	12.	07/02/1996	5,532,128	Eggers et al.	P		RECD
	13.	07/23/1996	5,538,849	Uematsu et al.			
	14.	08/13/1996	5,545,531	Rava et al.	JAN - 4 7 02		
	15.	09/24/1996	5,559,329	Joseph et al.			
	16.	04/08/1997	5,619,035	Weiss et al.	TC 1700		
	17.	06/17/1997	5,639,428	Cottingham			
	18.	10/14/1997	5,677,197	Gordon et al.			
	19.	12/04/1997	USSN 08/984,979	Baer et al.			
	20.	02/04/1998	USSN 09/018,452	Baer et al.			
	21.	04/10/1998	USSN 09/058,711	Baer et al.	RECEIVED		
	22.	05/26/1998	5,756,049	Brayton	JAN - 2 2002		
	23.	07/23/1998	USSN 09/121,635	Baer et al.			
	24.	07/23/1998	USSN 09/121,677	Baer et al.	TC 1700		
	25.	07/23/1998	USSN 09/121,691	Baer et al.			
	26.	08/25/1998	5,798,215	Cathey et al.			
	27.	12/01/1998	5,843,644	Liotta et al.			
	28.	12/01/1998	5,843,767	Beattie			
	29.	12/08/1998	USSN 09/208,604	Baer et al.			

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INFORMATION DISCLOSED IN CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 485772001800	Application Number 09/844,187
Applicant	Thomas M. BAER et al.
Filing Date April 26, 2001	Group Art Unit 1651
Mailing Date December 11, 2001	

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30.	01/12/1999	5,859,699	Baer et al.				
31.	01/19/1999	5,860,937	Cohen				
32.	02/23/1999	5,874,219	Rava et al.				
33.	03/09/1999	5,879,625	Roslaniec et al.				
34.	04/06/1999	5,891,630	Eggers et al.				
35.	11/16/1999	5,985,085	Baer et al.				
36.	05/01/2000	USSN 09/562,495	Lossing et al.				
37.	07/17/2000	USSN 09/617,742	Baer et al.				
38.	12/05/2000	6,157,446	Baer et al.				
39.	03/20/2001	6,204,030 B1	Liotta et al.				
40.	08/21/2001	6,277,648 B1	Colpan				

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FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	41.	06/10/1993	WO 93/11221	WIPO			Abstract
	42.	09/08/1995	WO 95/23960	WIPO			
	43.	12/19/1996	WO 96/40435	WIPO			
	44.	04/17/1997	WO 97/13838	WIPO			
	45.	08/13/1998	WO 98/35215	WIPO			
	46.	04/08/1999	WO 99/17094	WIPO			

OTHER DOCUMENTS (including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	47.	Bonner, Robert F. et al. (November 21, 1997). "Laser capture microdissection: Molecular analysis of tissue," <i>Science</i> 278:1481-1482.
	48.	Brignole, Ed (November/December 2000). "Laser-capture microdissection," <i>Modern Drug Discovery</i> pp. 1-3.
	49.	Chu, Samuel S. et al. (April 2000). "Laser capture microdissection: Applications in cancer research," <i>Biomedical Products</i> pp. 1-3.

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Docket Number 485772001800	Application Number 09/844,187
		Applicant	Thomas M. BAER et al.
		Filing Date April 26, 2001	Group Art Unit 1651
		Mailing Date December 11, 2001	

50.	Chui, Glennda (June 1, 1999). "The ecosystems within" Section F, Science & Technology <i>San Jose Mercury News</i> pp. 1-5.
51.	Emmert-Buck, Michael R. et al. (8 November 1996). "Laser capture microdissection," <i>Science</i> 274:998-1001.
52.	Goldsworthy, Susan M. et al. (1999). "Effects of fixation on RNA extraction and amplification from laser capture microdissected tissue" <i>Molecular Carcinogenesis</i> 25:86-91.
53.	Isenberg, G. et al. (1976). "Cell surgery by laser micro-dissection: a preparative method," <i>J. Microsc.</i> 107(Pt 1):19-24.
54.	Meier-Ruge, W. et al. (1976). "The laser in the Lowry technique for microdissection of freeze-dried tissue slices," <i>Histochemical Journal</i> 8:387-401.
55.	Relman, David A. (21 May 1999). "The search for unrecognized pathogens," <i>Science</i> 284:1-3.
56.	Schindler, M. et al. (July 1985). "Automated analysis & survival selection of anchorage-dependent cells under normal growth conditions," <i>Cytometry</i> 6(4):368-374.
57.	Schindler, Melvin (Aug. 1998). "Select, microdissect & eject," <i>Nature Biotechnology</i> 16:719-720.
58.	Schütze, Karin and Lahr, Georgia (August 1998). "Identification of expressed genes by laser-mediated manipulation of single cells," <i>Nature Biotechnology</i> 16(8):737-742.
59.	Simone, Nicole L. et al. (1998). "Laser capture microdissection; opening the microscopic frontier to molecular analysis," <i>Trends Genet.</i> 14(7):272-276.

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